

North Beacon Hill Safety Connections

Projects coming soon to make it easier and safer to walk and bike around your neighborhood

February, 2014



Project Scope

- Replace stairs with sidewalk on S Holgate
- Build sidewalk on east side of Beacon Ave
- Install uphill bicycle lane on Beacon Ave S
- Close formally the north leg of 13th Ave S & Beacon Ave S (now closed with barriers)
- Add all-way stop and marked crosswalks at 14th Ave S & Beacon Ave S
- Build curb bulbs 14th Ave S & Beacon Ave
- Create southbound left/right only at 14th Ave S & Beacon Ave S
- Build curb ramps and bulbs at 14th Ave S & S College St

Project Status: In design

Planned Construction: Summer-Fall, 2014

Benefits:

- Makes it safer and more comfortable for families to walk and bike to Beacon Hill International School
- Reduces pedestrian crossing distance
- Provides a continuous sidewalk on the same side of the street on Beacon Ave
- Connects the Mountains to Sound Trail with S College St stairs, and the Beacon Hill business district
- Reduces the amount of traffic on the non-arterial section of 14th Ave S



For More Information

Contact Maribel Cruz, 206-684-7963 or email Maribel.cruz@seattle.gov
<http://www.seattle.gov/transportation/beaconsafetyconnections.htm>

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Where did these projects originate?

The proposed changes to Beacon Ave S/14th Ave S come from the Southeast Transportation Study, which involved an extensive outreach process, including meetings with key community leaders, a core community team of 25 organizations, and public feedback on the draft study. Beacon BIKES adopted the project in their 2011 Beacon Hill Family Bicycle and Pedestrian Circulation Plan. The improvements at 14th Avenue S and S College Street were submitted by neighbors through the Neighborhood Street and Park Fund. The sidewalk on Beacon Avenue S was identified as a top pedestrian improvement in the city's 2010 Pedestrian Master Plan.

What has changed since the November 2013 Open House?

Based on the feedback, the following additions or changes to the projects have been made:

- Add more pedestrian scale lighting to 14th Avenue S south of Beacon Avenue S.
- Include design elements from the Roberto Maestas Festival Street at 14th Avenue S & Beacon Avenue S
- Convert the northwest bound lane closest to the curb at 15th Avenue S and Beacon Avenue S to a "right turn only" except transit.

Design and Outreach Schedule

- Design continues through spring
- Updated plans will be available on the project website
<http://www.seattle.gov/transportation/beaconsafetyconnections.htm>
- Email updates will be sent
- Staff will be available to attend future community council meetings
- Letters will be mailed this spring to all residents who live adjacent to the project
- An open house will be held in late spring to review final plans and discuss construction impacts
- Construction is anticipated to begin in late summer, 2014

Existing Conditions – Daily Traffic Volume



Existing Conditions – Three-year Collisions



Existing Conditions – 85th Percentile Speed



Pedestrian Volume at 14th Ave S & Beacon Ave S (3 hour count)



Bicycle Volume at 14th Ave S & Beacon Ave S (3 hour count)



Traffic Analysis Summary - 14th Ave S & Beacon Ave S

- Northwest bound flow at 14th and Beacon does not back up to affect traffic at 15th and Beacon because we're maintaining two lanes on the approach (same as today, one through lane, one right turn lane)
- Diversion of southbound traffic from 14th Avenue S to Beacon Avenue S does not change the level of service for the signal at Beacon and 15th
- Northwest bound Beacon to Northbound 14th Avenue S average delay:

PM Peak
Before 3.0 seconds
After 12.1 seconds
Additional 9.1 seconds of delay

AM Peak
Before 3.0 seconds
After 8.7 seconds
Additional 5.7 seconds of delay

- Trade off in additional time to Metro is outweighed by the benefits to transit customers in improved pedestrian safety and walkability